MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54′ 22″ N.

LONG. E. FROM GREENWICH 35° 28′ 10″

SEPTEMBER, 1932

J. A. BROWN, DIRECTOR

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SEPTEMBER 1932
METEOROLOGICAL REGISTER

Date	Barometer reduced to o°C Sea level and 45° Latitude 700 mm+...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min	8:30	14:30	20:30	Mean
1	59.1	58.1	58.4	58.5	31.6	24.6	29.2	31.3	26.6	29.0
2	8.1	6.9	7.0	7.3	31.1	25.0	29.2	29.3	26.2	28.2
3	7.3	6.6	7.3	7.1	32.1	23.4	27.8	31.4	26.1	28.4
4	7.5	7.0	7.2	7.2	32.1	23.6	28.7	31.4	25.8	28.6
5	8.2	8.2	8.0	8.1	31.1	23.9	28.2	30.7	25.1	28.0
6	57.4	56.6	56.8	56.9	31.0	23.3	28.6	30.0	24.9	27.8
7	6.2	5.8	6.1	6.0	31.9	22.6	28.2	31.7	26.1	28.7
8	6.6	7.0	7.4	7.0	32.4	23.8	27.9	32.2	26.5	28.9
9	8.0	6.8	7.3	7.4	31.6	23.6	29.1	31.1	25.6	28.6
10	6.5	6.1	6.4	6.3	31.1	23.4	29.0	30.8	25.6	28.5
11	56.1	55.1	56.0	55.7	31.7	23.4	28.3	30.4	25.1	27.9
12	6.0	5.1	6.0	5.7	31.1	23.2	28.6	30.3	25.2	28.0
13	6.6	6.5	8.2	7.1	31.1	23.5	29.2	30.6	24.9	28.2
14	60.1	60.4	61.2	60.6	31.3	23.4	27.8	30.8	25.6	28.1
15	1.9	1.1	0.6	1.2	31.8	23.6	28.5	31.1	26.2	28.6
16	60.0	59.9	59.4	59.4	31.2	24.9	28.3	29.9	25.6	27.9
17	1.5	61.6	61.4	61.5	27.7	24.8	25.6	24.4	24.2	24.7
18	0.5	59.8	0.0	0.1	29.0	21.6	27.6	27.1	24.4	26.4
19	0.9	60.3	0.5	0.6	30.8	21.8	27.5	29.4	24.3	27.1
20	0.4	59.6	59.6	59.9	30.7	21.8	26.5	30.2	24.2	27.0
21	59.2	58.4	58.7	58.8	29.4	21.7	26.9	28.3	23.0	26.1
22	9.2	8.7	9.5	9.1	29.4	21.1	25.4	28.6	23.2	25.7
23	60.3	9.8	60.5	60.2	29.4	21.5	26.0	28.4	23.7	26.0
24	0.9	9.5	59.6	0.0	29.9	21.7	27.0	29.3	23.8	26.7
25	59.2	9.0	9.4	59.2	29.4	21.7	26.1	29.1	23.8	26.3
26	60.6	59.8	59.7	60.0	29.8	21.7	26.8	28.3	24.7	26.6
27	59.7	8.9	9.5	59.4	30.7	23.1	27.3	29.3	24.1	26.9
28	9.8	9.0	9.1	9.3	30.1	21.9	26.6	29.0	24.3	26.6
29	9.1	8.2	8.9	8.7	29.8	21.6	26.0	29.2	23.6	26.3
30	9.7	8.0	8.1	8.6	29.7	22.2	26.4	27.3	25.6	26.4
	758.90	758.23	758.59	758.57	30.66	22.92	27.61	29.69	24.93	27.41

Barometer, Range for month 755.1—761.9 m.m.
,, 50-yr. average for month 758.975 m.m.
Thermometer, Range for month 21.1°—32 4° c.
,, 50-yr. average for month 27.13° c.
Rain, Total for month 0.0 m.m.
,, , 50-yr average for month 7.37 m.m.
,, , total Sept. 1st to end of month 0.0 m.m.
,, , 50-yr. average, Sept. 1st to end of month 7.37 m.m

SEPTEMBER 1932

METEOROLOGICAL REGISTER

Date	Wet Bulb Cent.			Elasticity of Vapor m.m.				Relative Moisture per cent.				Sun hrs.	Rain m.m.
	8.30	14.30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
1	23.4	24.5	23.2	17.0	17.6	18.4	17.7	56	51	70	59	8.0	
2	24.7	25.2	23.8	19.3	20.4	19.9	19.9	64	67	79	70	4.8	
3	24.4	22.7	23.7	19.8	14.7	19.8	18.1	72	42	79	64	7.4	
4	24 5	25.6	23.6	19.3	19.4	19.9	19.5	65	56	80	67	11.0	
5	24.8	24.4	22.7	20.7	17.8	18.7	19.1	72	53	77	67	10.5	
6	23.8	24.3	22.8	18.2	18.0	18.8	18.3	63	57	79	66	10.0	
7	23.9	25.4	23.4	18.5	18.9	19.2	18.9	65	54	76	65	11.0	
8	24.3	26.6	23.8	19.5	20.0	19.7	19.7	70	56	77	68	11.0	
9	25.1	24.6	22.0	20.2	17.9	17.4	18.5	67	53	69	63	10.5	
10	23.1	23.9	22.2	16.6	16.9	17.2	16.9	55	52	71	59	11.0	
11	23.3	22.6	22.2	17.3	15.0	17.6	16.6	61	46	75	61	10.7	
12	23.8	24.7	22.4	18.0	18.5	18.0	18.2	62	57	76	65	11.2	
13	23.8	24.3	21.7	17.8	17.8	16.9	17.5	59	54	72	62	11.0	
14	23.1	24.3	22.8	17.3	17.5	18.3	17.7	62	53	75	63	11.0	
15	24.6	25.0	22.8	19.5	18.6	17.9	18.7	68	55	71	65	11.1	
16	23.6	24.4	23.8	17.9	18.3	20.5	18.9	62	59	84	68	11.2	
17	18.2	19.3	16.2	11.2	13.2	9.4	11.3	46	58	41	48	10.0	
18	18.7	18.2	18.3	10.9	10.6	11.9	11.1	39	38	52	43	11.2	
19	19.7	21.6	20.8	12.2	14.1	15.6	14.0	44	46	70	53	11.1	
20	21.7	23.2	21.1	15.7	15.9	16.3	16.0	60	50	72	61	9.5	
21	21.9	21.3	20.1	15.8	14.1	15.3	15.1	60	49	73	61	10.9	
22	20.3	21.4	20.0	14.2	14.2	15.0	14.5	59	48	71	59	9.8	
23	20.2	22.3	20.4	13.8	15.6	15.5	15.0	55	54	70	60	10.5	
24	21.5	23.8	21.0	15.1	17.6	16.4	16.4	56	57	75	63	9.5	
25	21.3	23.4	21.3	15.4	17.0	16.9	16.4	61	56	76	64	11.1	
26	22.1	23.8	23.2	16.2	18.3	19.9	18.1	61	64	86	70	10.9	
27	21.7	23.8	22.7	15.3	17.6	19.2	17.4	57	58	86	67	10.1	
28	23.9	24.7	23.2	19.8	18.7	20.3	19.6	76	58	89	74	9.6	
29	23.4	23.9	22.1	19.3	17.9	18.6	18.6	77	59	86	71	10.6	
30	23.2	23.9	24.3	18.5	19.1	20.6	19 4	72	70	84	75	10.4	
	22.73	23.57	22.05	17.01	17.04	17.64	17.23	61.5	54.3	73.7	63.2	10.22	

Height of Barometer above sea level: 33.7 meters.
" " Thermometers above ground:
Dry and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m
Rim of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
Time of readings minus 2 hours equals G. C. T.
50-year averages are for period, 1875-1924

SEPTEMBER 1932

METEOROLOGICAL REGISTER

Date	Clouds. Clear—0 Overcast—10				Direction and force of Wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Km.		
1	1stcu	2cu	10cu	4.1	1w	1nw	1nw	233.0	stormy	
2	2cu	4cu	9cu	5.0	0	0	0	232.8	light	
3	2cu	1cu	0	1.0	0	1nw	0	67.8	calm	
4	1cu	1cu	0	0.7	1w	1nw	0	78.6	mod.	
5	0	1cu	0	0.3	1w	1nw	0	41.8	mod.	
6	3cu	1cu	0	1.3	1nw	1w	0	205.2	calm	
7	1cu	1cu	1cu	1.0	0	1nw	0	221.3	slight	
8	1cu	1cu	0	0.7	2sw	2w	1w	626.9	stormy	
9	2stcu	1cu	2cu	1.7	1sw	2nw	0	459.1	„	
10	1cu	2cu	0	1.0	1sw	1nw	1w	349.3	slight	
11	1cu	1cu	1cu	1.0	1w	2w	0	107.2	stormy	
12	0	2cu	1cu	1.0	0	1nw	0	57.1	slight	
13	2cu	5stcu	0	2.3	0	2nw	0	140.0	light	
14	0	1cu	2st	1.0	1sw	0	0	141.0	light	
15	1cu	0	0	0.3	0	1nw	1nw	58.7	slight	
16	0	1cu	0	0.3	1w	0	0	28.9	light	
17	2cicu	1cu	0	1.0	7ne	6ne	6ne	446.9	v. rough	gale
18	0	0	0	0.0	2ne	3ne	3n	174.9	rough	
19	0	0	0	0.0	1ne	1n	1n	77.6	mod.	
20	0	0	0	0.0	0	1nw	0	98.8	slight	
21	1cu	0	0	0.3	0	0	0	100.2	calm	
22	4cu	2cu	4cu	3.3	0	1nw	0	153.2	„	
23	1cu	1cu	0	0.7	0	1nw	0	97.6	slight	
24	0	0	0	0.0	1ne	1nw	1s	46.6	light	
25	0	0	0	0.0	1w	0	0	21.4	calm	
26	0	0	0	0.0	1sw	3e	0	105.7	stormy	dew at night
27	0	0	0	0.0	0	1ne	0	54.6	mod.	„ „ „
28	1cu	0	1cu	0.7	0	1ne	0	30.1	light	
29	1stcu	0	1cu	0.7	0	0	0	17.9	calm	haze in a.m.
30	0	0	0	0.0	0	2ne	1ne	111.8	stormy	dew in p.m.
				0.97	0.8	1.3	0.5	152.87		

NUMBER OF DAILY WIND OBSERVATIONS

Time	N	NE	E	SE	S	SW	W	NW	Calm
8:30	0	4	0	0	0	5	6	1	14
14:30	1	5	1	0	0	0	3	14	6
20.30	2	2	0	0	1	0	2	2	21
Totals	3	11	1	0	1	5	11	17	41

Number of days with rain 0, fog 0, thunderstorms 0, gale 1

50-yr average number of days with rain during month 1.2